

WEST Search History

DATE: Monday, November 24, 2003

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,DWPI; PLUR=YES; OP=ADJ

L4 (960123 or 3h5)(5adj)(hybridoma or antibody)

0 L4

DB=DWPI,PGPB,USPT; PLUR=YES; OP=ADJ

L3 (l1 or l2) and decoy

2 L3

L2 ("SHEN-CHIH".IN. | "SHIH-JEN".IN. | "SHIH-JEN-L".IN. |
"SHIH-JEN-LIU".IN.)!

40 L2

L1 ("SHEN-CHIH".IN.)!

5 L1

END OF SEARCH HISTORY

FILE 'EMBASE, MEDLINE, BIOSIS, CAPLUS, INPADOC' ENTERED AT 10:18:50 ON 20
NOV 2003

L1 0 S (CCRC 960123) OR CCRC960123
L2 0 S (CCRC 960122) OR CCRC960122

=>

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 "Ask CAS" for self-help around the clock
 NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the present
 NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
 NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
 NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE
 NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
 NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation
 NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
 NEWS 10 SEP 22 DIPPR file reloaded
 NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded
 NEWS 12 SEP 29 DISSABS now available on STN
 NEWS 13 OCT 10 PCTFULL: Two new display fields added
 NEWS 14 OCT 21 BIOSIS file reloaded and enhanced
 NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced

NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003

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FILE 'HOME' ENTERED AT 12:39:32 ON 19 NOV 2003

=> file embase, biosis, medline, caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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YOU HAVE NEW MAIL

=> s 3h5 and (decoy or dcr!)

L1 0 3H5 AND (DECOY OR DCR!)

=> s 9a10c3

L2 0 9A10C3

=> s 3h5

L3 290 3H5

=> d his

(FILE 'HOME' ENTERED AT 12:39:32 ON 19 NOV 2003)

FILE 'EMBASE, BIOSIS, MEDLINE, CAPLUS' ENTERED AT 12:39:59 ON 19 NOV 2003

L1 0 S 3H5 AND (DECOY OR DCR!)

L2 0 S 9A10C3

L3 290 S 3H5

=> s 13 and receptor

L4 16 L3 AND RECEPTOR

=> dup rem 14

PROCESSING COMPLETED FOR L4

L5 5 DUP REM L4 (11 DUPLICATES REMOVED)

=> d 1-5

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Full
Text References

on STN

DUPLICATE 1

AN 96333161 EMBASE

DN 1996333161

TI Mutational analysis of a neutralization epitope on the dengue type 2 virus (DEN2) envelope protein: Monoclonal antibody resistant DEN2/DEN4 chimeras exhibit reduced mouse neurovirulence.

AU Hiramatsu K.; Tadano M.; Men R.; Lai C.-J.

CS Molecular Viral Biology Section, Laboratory of Infectious Diseases, Nat. Inst. Allergy/Infect. Diseases, Bethesda, MD 20892, United States

SO Virology, (1996) 224/2 (437-445).

ISSN: 0042-6822 CODEN: VIRLAX

CY United States

DT Journal; Article

FS 004 Microbiology

008 Neurology and Neurosurgery

037 Drug Literature Index

LA English

SL English

L5 ANSWER 2 OF 5 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN

Full
Text References

AN 1996:272097 BIOSIS

DN PREV199698828226

TI Characterization of serotonin receptors in fish brain: Polyamines inhibit the binding process.

AU Khan, N. A.; Troutaud, D.; Moulinoux, J.-P.; Deschaux, P.

CS Lab. de Physiologie Animale, Unite d'Immuno-Physiologie Generale et Comparee, Universite de Limoges, 123 Avenue Albert Thomas, 87060 Limoges Cedex, France

SO Neuroscience Research Communications, (1996) Vol. 18, No. 2, pp. 97-105. CODEN: NRCOEE. ISSN: 0893-6609.

DT Article

LA English

ED Entered STN: 10 Jun 1996

Last Updated on STN: 10 Jun 1996

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Full Text References

on STN DUPLICATE 2

AN 95306817 EMBASE
 DN 1995306817
 TI Soluble tumor necrosis factor **receptor** in serum and urine throughout normal pregnancy and at delivery.
 AU Arntzen K.J.; Liabakk N.-B.; Jacobsen G.; Espevik T.; Austgulen R.
 CS University of Trondheim, Institute of Cancer Research, University Medical Center, N-7005 Trondheim, Norway
 SO American Journal of Reproductive Immunology, (1995) 34/3 (163-169).
 ISSN: 8755-8920 CODEN: AAJID6
 CY Denmark
 DT Journal; Article
 FS 010 Obstetrics and Gynecology
 026 Immunology, Serology and Transplantation
 029 Clinical Biochemistry
 LA English
 SL English

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Full Text References

on STN DUPLICATE 3

AN 94350597 EMBASE
 DN 1994350597
 TI Involvement of the tumor necrosis factor **receptor** p75 in mediating cytotoxicity and gene regulating activities.
 AU Medvedev A.E.; Sundan A.; Espevik T.
 CS Institute of Cancer Research, University Medical Center, University of Trondheim, N-7005 Trondheim, Norway
 SO European Journal of Immunology, (1994) 24/11 (2842-2849).
 ISSN: 0014-2980 CODEN: EJIMAF
 CY Germany
 DT Journal; Article
 FS 022 Human Genetics
 026 Immunology, Serology and Transplantation
 LA English
 SL English

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Full Text References

on STN DUPLICATE 4

AN 90149856 EMBASE
 DN 1990149856
 TI Human IgG Fc **receptor** II mediates antibody-dependent enhancement of dengue virus infection.
 AU Littau R.; Kurane I.; Ennis F.A.
 CS Div. of Infectious Diseases, Department of Medicine, Univ. of Massachusetts, Worcester, MA 01605, United States
 SO Journal of Immunology, (1990) 144/8 (3183-3186).
 ISSN: 0022-1767 CODEN: JOIMA3
 CY United States
 DT Journal; Article
 FS 026 Immunology, Serology and Transplantation
 047 Virology
 LA English
 SL English

=> d kwic -15

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on STN

DUPLICATE 1

AB The antigenic site of dengue type 2 virus (DEN2)-neutralizing monoclonal antibody (mab) **3H5** was investigated by mutational analysis. Sequence comparisons indicated that much of the 12-amino-acid sequence extending from position 386 to 397 of the DEN2 envelope glycoprotein (E) previously thought to represent the DEN2-specific mab **3H5** binding site was also present in some dengue type 1, 3, or 4 virus strains. However, the region occupied by. . . strains, but divergent in other serotype viruses, suggesting that this sequence might be part of the antigenic site of mab **3H5**. We investigated this possibility by employing the previously constructed chimeric DEN2(Prem-E)/DEN4 cDNA clone to produce viable mutants bearing DEN2 Prem and E sequences that could be analyzed for binding to and neutralization by mab **3H5**. We constructed 13 such DEN2 mutants that contained a single amino acid substitution in the region between positions 383 and. . . substitution in the region spanning positions 386 through 393 of DEN2 yielded a virus that was as reactive with mab **3H5** as the parental chimeric virus. These results are consistent with the extent of sequence conservation in the region. In contrast,. . . of 6 mutants that sustained an amino acid substitution at position 383, 384, or 385 failed to react with mab **3H5** as detected by immunofluorescence assay and failed to be neutralized by the mab. Interestingly, each of the 5 mab-resistant DEN2. . . that the Glu-Pro-Gly sequence at positions 383-385 of the DEN2 E is a component of the site against which mab **3H5** is directed. In the recently determined three-dimensional structure of the related tick-borne encephalitis virus E, the Glu-Pro-Gly sequence would be located on the lateral surface of the immunoglobulin-like domain that is proposed to bind to the host cell **receptor**.

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AB. . . Hill interaction coefficient (n) = 3 in both the parts of the brain, indicating the presence of co-operative type of **receptor** sites. The telencephalic and diencephalic regions had multiple types of serotonin binding sites. In the diencephalic region, addition of spiperone. . . low and high affinity binding sites. In both parts of the brain, the total specific binding of 3H-5-HT to the **receptor** sites was inhibited by spiperone and an agonist of 5-HT1A **receptor** subtype (8-OH-DPAT), indicating the presence of 5-HT1A serotonergic receptors in the fish brain. Interestingly, the polyamines, putrescine (Put), spermidine (Spd) and spermine (Spm) inhibited the binding of **3H5**-HT to the **receptor** sites in both parts of the brain i.e. telencephalon and diencephalon. The IC-50 values for Put, Spd and Spm, were,. . . contrary, ifenprodil inhibited the serotonin binding to the brain synaptosomes. Addition of Mn-2+ increased the binding of serotonin to the **receptor** sites, whereas Mg-2+ failed to influence the same significantly.

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DUPLICATE 2

TI Soluble tumor necrosis factor **receptor** in serum and urine throughout normal pregnancy and at delivery.

AB. . . some of the deliveries (N = 31). The samples were analysed using ELISA based on two monoclonal antibodies (IV4E and **3H5**) against the soluble tumor necrosis factor receptors (sp55 and sp75). RESULTS: Serum concentration of sp55 and sp75 were increased in. . .

CT Medical Descriptors:
*delivery

*pregnancy
 article
 blood level
 controlled study
 enzyme linked immunosorbent assay
 female
 human
 labor
 maternal serum
 normal human
 priority journal
 umbilicus
 urinalysis
***tumor necrosis factor receptor**
receptor subtype
 monoclonal antibody
 tumor necrosis factor: EC, endogenous compound

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References

- on STN DUPLICATE 3
- TI Involvement of the tumor necrosis factor **receptor** p75 in mediating cytotoxicity and gene regulating activities.
- AB Using agonistic antibodies (Ab) we have examined whether the 75-kDa chain of the tumor necrosis factor **receptor** (p75 TNFR) is capable of mediating cytotoxic response and gene regulation alone or in cooperation with p55 TNFR. Addition of. . . to cytotoxic response of human KYM-1 rhabdomyosarcoma cells. Anti-p75 mAb alone had no effect pointing out the importance of strong **receptor** stimulation for signal transduction into the cell. Simultaneous triggering of both the p55 and p75 TNFR by agonistic Ab resulted in additive cytotoxic action on KYM-1 cells. The anti-p75 mAb **3H5**, directed to a non-TNF binding site on the human p75 TNFR, was used to confirm further the ability of the p75 TNFR to potentiate p55 TNFR-mediated cell death. While exhibiting no cytotoxicity by its own, **3H5** significantly augmented the cytotoxic effect of the anti-p55 mAb htr9 towards KYM-1 cells. Neither the anti-p75 TNFR antiserum nor anti-p75. . . TNFR-induced U937 cell death, indicating collaboration between the two TNFR in induction of cytotoxicity also in this cell line. However, **3H5** mAb did not affect the ability of anti-p55 mAb to lyse U937 cells. Altogether, these data demonstrate the difference between. . .
- CT Medical Descriptors:
 *cytotoxicity
 *gene expression regulation
 article
 cell death
 cytolysis
 cytomegalovirus
 human
 human cell
 priority journal
 promoter region
***cytokine receptor**
 *tumor necrosis factor
 antiserum
 immunoglobulin antibody
 immunoglobulin enhancer binding protein
 monoclonal antibody

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References

on STN DUPLICATE 4

TI Human IgG Fc **receptor** II mediates antibody-dependent enhancement of
dengue virus infection.

AB . . . has been reported that FcγRII binds to mouse IgG1, but not
to mouse IgG2a. A mouse IgG1 anti-dengue virus mAb (**3H5**) augments dengue
virus infection of K562 cells, but a mouse IgG2a anti-dengue virus mAb
(4G2) does not. 4G2 augments dengue. . . .

CT Medical Descriptors:
*cell line
*dengue virus
*virus infection
cell culture
human cell
human
nonhuman
article
priority journal
***Fc receptor**
*immunoglobulin g

=>

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*** YOU HAVE NEW MAIL ***

=> s hybridoma and 3h5
L1 5 HYBRIDOMA AND 3H5

=> dup rem l1
PROCESSING COMPLETED FOR L1
L2 2 DUP REM L1 (3 DUPLICATES REMOVED)

=> d 1-2

L2 ANSWER 1 OF 2 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
AN 95271277 EMBASE
DN 1995271277
TI Taxane-specific monoclonal antibodies: Measurement of taxol, baccatin III,
and 'total taxanes' in Taxus brevifolia extracts by enzyme immunoassay.
AU Grothaus P.G.; Bignami G.S.; O'Malley S.; Harada K.E.; Byrnes J.B.; Waller
D.F.; Raybould T.J.G.; McGuire M.T.; Alvarado B.
CS Hawaii Biotechnology Group, Inc., 99-193 Aiea Heights Dr., Aiea, HI 96701,
United States
SO Journal of Natural Products (Lloydia), (1995) 58/7 (1003-1014).
ISSN: 0163-3864 CODEN: JNPRDF
CY United States
DT Journal; Article
FS 030 Pharmacology
037 Drug Literature Index
LA English
SL English

L2 ANSWER 2 OF 2 MEDLINE on STN DUPLICATE 1
AN 87083135 MEDLINE
DN 87083135 PubMed ID: 3098722
TI Human monoclonal antibody reactive to stomach cancer produced by
mouse-human **hybridoma** technique.
AU Yoshikawa K; Ueda R; Obata Y; Utsumi K R; Notake K; Takahashi T
SO JAPANESE JOURNAL OF CANCER RESEARCH, (1986 Nov) 77 (11) 1122-33.
Journal code: 8509412. ISSN: 0910-5050.
CY Japan
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198702
ED Entered STN: 19900302
Last Updated on STN: 19900302
Entered Medline: 19870213

=> d kwic 1-2

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AB . . . enzyme immunoassays, conducted in buffer containing 10% MeOH,
were 0.6 nM taxol for 3C6 (anti-taxol); 1.1 nM baccatin III for
3H5 (anti-baccatin III); and 0.6 nM taxol or baccatin III for 8A10
(anti-taxane). The immunoassays accurately detected taxol, baccatin III,
and. . .

CT Medical Descriptors:
*drug determination
*drug isolation
*drug protein binding
animal cell
antibody specificity
article
competitive inhibition
cross reaction
diagnostic accuracy
enzyme immunoassay
female
high performance liquid chromatography
hybridoma
mouse
nonhuman
plasmacytoma
spleen cell
*baccatin iii: AN, drug analysis
*baccatin iii: DV, drug development
*plant extract: AN, drug analysis
*plant extract: DV, drug development
*taxane derivative: AN, . . .

L2 ANSWER 2 OF 2 MEDLINE on STN DUPLICATE 1

TI Human monoclonal antibody reactive to stomach cancer produced by
mouse-human **hybridoma** technique.

AB Production of human monoclonal antibodies reactive to stomach cancer was
attempted by the **hybridoma** technique using splenic lymphocytes
from stomach cancer patients. The parental cells used were NS-1 mouse
myeloma line and three human. . . when transplanted into nude mice.
Four antibodies produced by the heterohybridomas were selected and
analyzed. These 4 antibodies, 3F6, 4A10, **3H5** and 1F9, reacted
predominantly to cytoplasmic antigens of stomach and other epithelial
cancer lines. The reactivity against human tumors transplantable. . .
reactions not only to stomach cancer, but also to normal stomach and
colon. The reactivity against fetal tissues demonstrated that **3H5**
antibody was reactive with epithelium of the stomach, and 1F9 antibody was
positive with epithelium of the respiratory tract and. . .